

### Abstract

According to the present invention compositions and methods are provided to prevent the pathogenic aspects of tissue trauma while preserving normal tissue repair mechanisms, based on the fact that these molecules abrogate the cascade of damage initiated by tissue trauma, while maintaining this the requisite healthy extracellular matrix economy. The composition for regulating the extracellular matrix economy, comprise a pharmaceutically effective amount of an effector in combination with a pharmaceutically acceptable carrier. Preferably, the effector is a quinazolinone derivative. More preferably, the quinazolinone derivative is a member of a group having formula (I), wherein  $R_1$  is a member of the group consisting of hydrogen, halogen, nitro, benzo, lower alkyl, phenyl, and lower alkoxy;  $R_2$  is a member of the group consisting of hydroxy, acetoxy, and lower alkoxy, and  $R_3$  is a member consisting of hydrogen and lower alkenoxy; and pharmaceutically acceptable salts thereof; and  $n$  is either 1 or 2. Most preferably, the effector is Halofuginone and pharmaceutically acceptable salts thereof.

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